

Converting Colors

`RYB(125, 181, 181)`

Have a look what the booklet for
RYB(125, 181, 181) contains.

RYB(125, 181, 181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(125, 181, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7DB57D
RGB	125, 181, 125
RGB Percent	49%, 71%, 49%
CMY	0.5098, 0.2902, 0.5098
CMYK	0.31, 0.00, 0.31, 0.29
HSL	120°, 27%, 60%
HSV	120°, 31%, 71%
XYZ	28.6830, 38.8884, 25.3965
YIQ	157.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

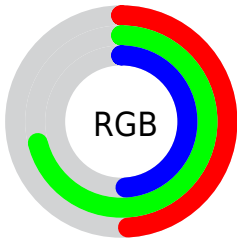
Format	Color
RYB	125, 181, 181
Decimal	8238461
CIELab	68.67, -29.58, 22.87
CIELCh	69, 37.393, 142.291
Yxy	38.8884, 0.3085, 0.4183
Android (android.graphics.Color)	4286428541 (0xFF7DB57D)
YUV	157.8720, -16.2059, -28.8287
Hunter-Lab	62.3606, -27.0292, 19.5064

Details

The RYB color **125, 181, 181** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 125, 181**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **178, 237, 236**, and **74, 126, 128** is the 20% darker color. If you saturate the color by 10%, you get **107, 181, 181**, and if you desaturate by 10%, it is **143, 181, 181**.

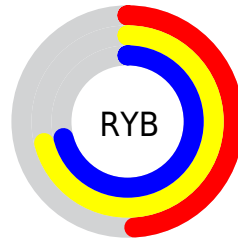
Distribution



Red (49%)

Green (71%)

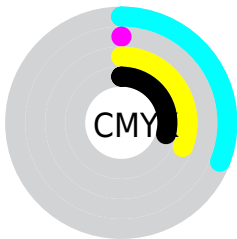
Blue (49%)



Red (49%)

Yellow (71%)

Blue (71%)

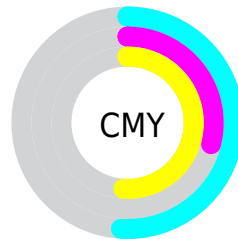


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 181, 181 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 125, 181, 181 by changing the saturation by 10% instead.

 125, 181, 181


255, 255, 255


 178, 237, 236

 206, 255, 254

 234, 255, 253

 125, 181, 181

 99, 153, 154

 74, 126, 128

 48, 98, 102


 22, 71, 78

 0, 49, 55

 0, 34, 34


 0, 0, 0


 125, 181, 181


 107, 181, 181

 125, 181, 181


 143, 181, 181

 89, 181, 181


 161, 181, 181

 71, 181, 181


 179, 181, 181


 53, 181, 181

 197, 181, 197


 35, 181, 181

 216, 181, 216

 16, 181, 181

 234, 181, 234

 0, 181, 181

 252, 181, 252

 255, 181, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



104, 173, 113



125, 181, 181



80, 141, 185

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125, 181, 181



103, 149, 234



233, 142, 144

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125, 181, 181



181, 125, 181

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 142, 178



125, 181, 181



159, 162, 230

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125, 181, 181



40, 119, 220



202, 150, 209



222, 169, 115

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125, 181, 181



46, 117, 186



202, 150, 209



233, 141, 155

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125, 181, 181



213, 235, 235



125, 181, 125



104, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125, 181, 181



148, 235, 235



125, 162, 181



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



181, 125, 181



235, 148, 235



181, 125, 153



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RYB color 125, 181, 181 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 125, 181, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

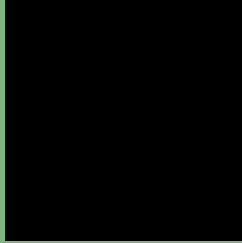
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 125, 181, 181 Background



This preview shows how black text looks on a background with the RYB color 125, 181, 181.

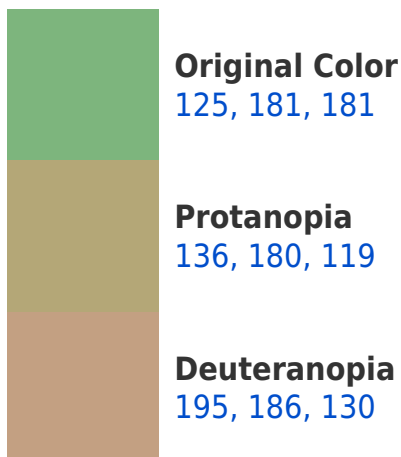


This preview shows how white text looks on a background with the RYB color 125, 181, 181.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
136, 157, 187

Trichromacy



Original Color
125, 181, 181

Protanomaly
121, 172, 133

Deuteranomaly
130, 170, 128

Tritanomaly
132, 157, 176

Monochromacy



Original Color
125, 181, 181

Achromatopsia
158, 158, 158

Achromatomaly
146, 166, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 181, 181 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 181, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

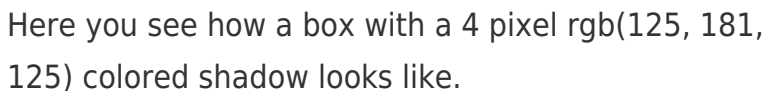
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 181, 125) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 181, 125) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(125, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 181, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 181, 125); box-shadow:4px 4px 4px 4px rgb(125, 181, 125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 181, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
181, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor